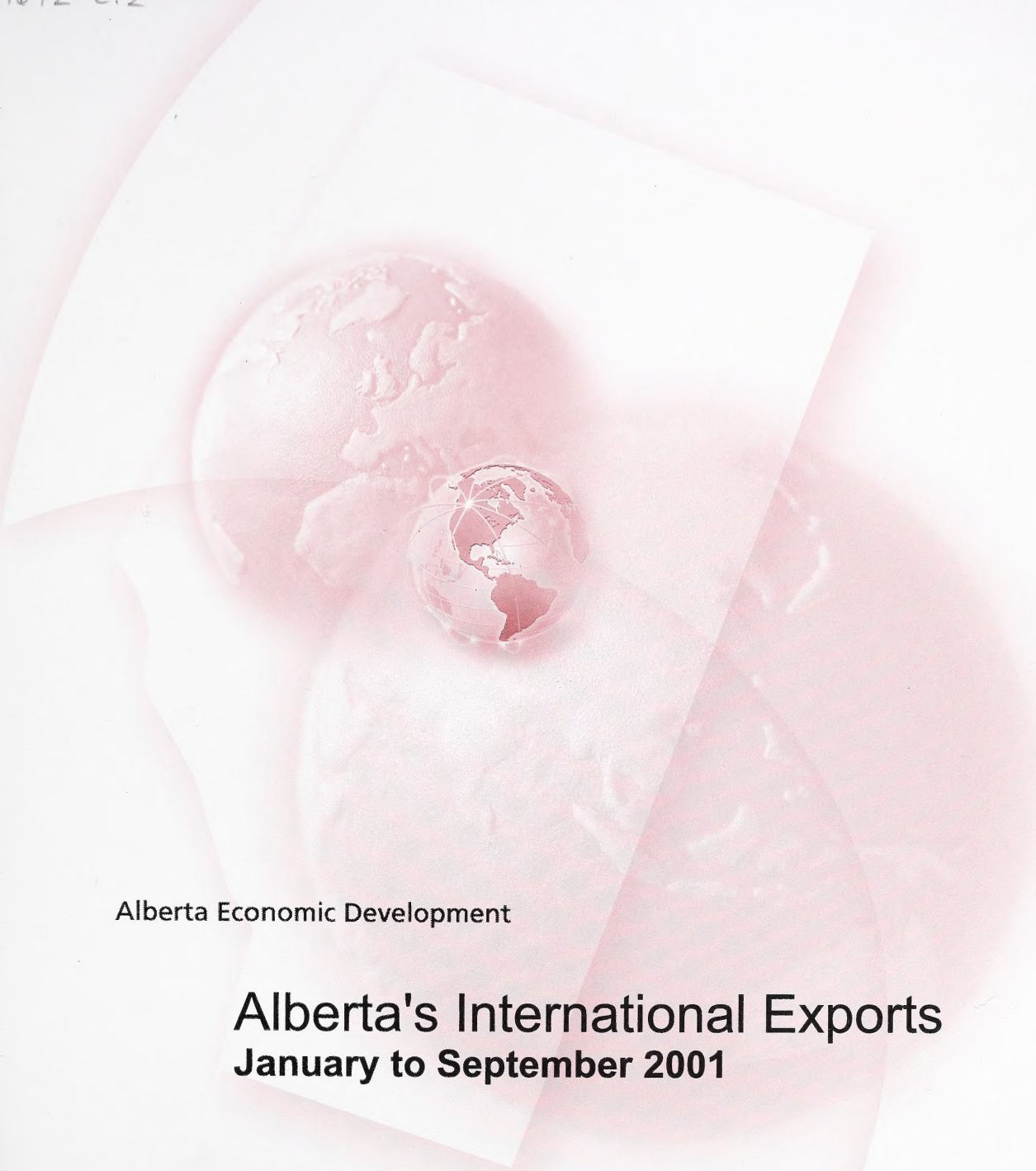
Alberta Economic Development

# Alberta's International Exports

## January to September 2000

December 2000



Alberta Economic Development

# Alberta's International Exports
## January to September 2001

January 2002
Policy and Economic Analysis

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# Alberta's International Exports
# January to September 2001
# Highlights

**Overview:** Alberta's international exports grew to $46 billion in the first nine months of 2001, up 19.1% from the same period of 2000. The increase was largely the result of increased prices and volumes of natural gas, and to a lesser degree of propane, electricity, beef and live cattle. Other commodities with large increases include polyethylene, oil and gas field equipment, methyl tertiary-butyl ether (mtbe) and canola. Exports to the US increased by 22.4% to $41.3 billion, but exports to the rest of the world declined by 3.6%. The recent weakening of commodity prices, e.g. of oil and gas, and declining world wide demand for telecom equipment caused Alberta's exports to fall by 10.5% in the third quarter of 2001, compared to the third quarter of 2000.

**Major Commodities:** Natural gas sales rose 80%, as prices increased 64% (but fell in the third quarter) and volumes 10%. Crude oil exports fell 13%, as both volumes and prices declined. Exports of propane rose 65%, mainly because of higher prices. Polyethylene exports rose 72% because of volume increases. Exports of beef, live cattle and mtbe (gasoline additive) were sharply higher mostly as a result of strong volume growth. Surplus capacity in Alberta caused electricity to be a major export commodity in the first two quarters, with most sales going to Washington and California. Commodities with large third quarter declines include telecom equipment, crude oil, refined petroleum, wood pulp and mtbe. Exports of beef, live cattle and polyethylene grew strongly in the third quarter.

**Exports by Industry:** Exports by the mining sector rose 30% in the first nine months of 2001, because of higher prices and volumes of natural gas and propane, but declined 13% in the third quarter. Primary agricultural exports grew by 15%, led by strong growth for live cattle, beef and canola. The manufacturing sector's exports declined marginally by 0.6%, due to a 9% decline in the third quarter. The following manufacturing sub-sectors registered strong growth: machinery; chemicals; food, feed and beverages; transportation and fabricated metals. The global slump in the telecom industry caused a 31% decline in the electronics industry.

**United States:** Total exports to the US rose 22% in the first nine months of 2001, but fell by 10% during the third quarter. Natural gas is the primary source of the year-to-date increase. The value of exports of propane, polyethylene, electricity, mtbe, beef and live cattle also rose strongly. Exports of crude oil, liquefied petroleum gases (other than propane), telephone equipment, urea and wood pulp fell.

**Asia:** Exports to Asia were down 10% from the previous year. Strong growth in imports of canola, malt and pork was more than offset by declines in wood pulp, polyethylene and coal. Imports by China, Thailand, the Philippines and Vietnam increased strongly, but large declines were registered by South Korea, Hong Kong, Indonesia and Singapore. Japanese imports declined by 2%.

**Europe:** Exports to Western Europe were 7% lower than in the previous year, because of a 28% drop in the third quarter. Wood pulp exports fell sharply, but exports of turbo-propellers and horse meat increased. Imports by Alberta's top European markets, Italy, the United Kingdom, Germany and Belgium, were lower, but Scandinavian imports rose sharply. Led by very strong growth in Russia, exports to the Eastern European countries rose 57%. Exports of oil and gas field equipment increased sharply.

**Latin America:** Alberta's exports to South America fell 10%, as a result of a large decline in used aircraft sales to Argentina. Exports to Venezuela rose 19%, but exports to Argentina fell 68% and to Chile 37%. Central American imports increased 30%, because of very strong growth in beef imports. Telecom imports fell sharply. Mexico's imports rose 55%.

**Other Regions:** Exports to the Middle East fell 5%, mostly due to declining wheat sales to Iran, Iraq and the United Arab Emirates. African imports from Alberta rose 1%. Imports by Morocco, Nigeria and Tunisia were sharply higher. Exports to the Oceania region were 46% lower in year-to-date 2001. Exports to Australia fell 57%, as telecom sales plummeted.

# ALBERTA'S COMMODITY EXPORTS
## SUMMARY

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| | 2000 ($ '000) | 2001 ($ '000) | % Change | 2000 ($ '000) | 2001 ($ '000) | % Change |
| **Total Commodity Exports** | **13,997,198** | **12,521,375** | **-10.5%** | **38,593,473** | **45,977,317** | **19.1%** |
| **EXPORTS BY REGION** | | | | | | |
| United States | 12,354,048 | 11,107,308 | -10.1% | 33,752,492 | 41,312,334 | 22.4% |
| Asia | 913,785 | 825,191 | -9.7% | 2,654,862 | 2,507,856 | -5.5% |
| Western Europe | 260,587 | 187,304 | -28.1% | 804,928 | 751,994 | -6.6% |
| Central America | 122,214 | 140,306 | 14.8% | 320,977 | 415,858 | 29.6% |
| South America | 134,036 | 92,431 | -31.0% | 372,606 | 335,525 | -10.0% |
| Middle East | 72,370 | 71,617 | -1.0% | 329,144 | 313,821 | -4.7% |
| Africa | 67,877 | 52,475 | -22.7% | 179,769 | 180,988 | 0.7% |
| Eastern Europe | 23,240 | 25,512 | 9.8% | 60,731 | 95,458 | 57.2% |
| Oceania | 49,041 | 19,231 | -60.8% | 117,964 | 63,483 | -46.2% |
| **TOTAL** | **13,997,198** | **12,521,375** | **-10.5%** | **38,593,473** | **45,977,317** | **19.1%** |
| **EXPORTS BY TOP FIFTEEN COUNTRIES** | | | | | | |
| United States | 12,354,048 | 11,107,308 | -10.1% | 33,752,492 | 41,312,334 | 22.4% |
| Japan | 337,683 | 336,013 | -0.5% | 1,010,078 | 995,024 | -1.5% |
| China | 223,578 | 189,639 | -15.2% | 531,801 | 622,733 | 17.1% |
| Mexico | 90,947 | 117,687 | 29.4% | 220,497 | 341,673 | 55.0% |
| Korea, South | 141,701 | 114,370 | -19.3% | 448,112 | 330,916 | -26.2% |
| Taiwan | 53,610 | 58,633 | 9.4% | 172,182 | 167,938 | -2.5% |
| United Kingdom | 54,307 | 42,601 | -21.6% | 149,215 | 135,632 | -9.1% |
| Italy | 43,058 | 23,372 | -45.7% | 151,639 | 127,938 | -15.6% |
| Iran | 27,741 | 14,481 | -47.8% | 172,446 | 110,626 | -35.8% |
| Belgium | 29,291 | 20,724 | -29.2% | 114,082 | 95,845 | -16.0% |
| Venezuela | 19,425 | 26,478 | 36.3% | 74,867 | 89,367 | 19.4% |
| Netherlands | 21,402 | 21,415 | 0.1% | 77,123 | 86,835 | 12.6% |
| Germany | 38,275 | 18,126 | -52.6% | 107,557 | 86,718 | -19.4% |
| France | 27,951 | 20,629 | -26.2% | 81,665 | 81,075 | -0.7% |
| Brazil | 18,419 | 16,716 | -9.2% | 75,493 | 70,246 | -6.9% |
| All Other Countries | 515,762 | 393,181 | -23.8% | 1,454,224 | 1,322,418 | -9.1% |
| **TOTAL** | **13,997,198** | **12,521,375** | **-10.5%** | **38,593,473** | **45,977,317** | **19.1%** |
| **EXPORTS BY INDUSTRY** | | | | | | |
| **PRIMARY AGRICULTURE** | **656,774** | **745,204** | **13.5%** | **2,059,716** | **2,365,705** | **14.9%** |
| Crops | 471,375 | 450,697 | -4.4% | 1,513,086 | 1,571,128 | 3.8% |
| Livestock | 185,399 | 294,507 | 58.9% | 546,630 | 794,578 | 45.4% |
| **MINING** | **8,585,537** | **7,419,448** | **-13.6%** | **23,062,735** | **30,055,695** | **30.3%** |
| Oil, Gas, Natural Gas Liquids & Sulphur | 8,502,767 | 7,336,898 | -13.7% | 22,751,648 | 29,752,247 | 30.8% |
| Other Mining | 82,770 | 82,550 | -0.3% | 311,088 | 303,449 | -2.5% |
| **MANUFACTURING** | **4,543,149** | **4,146,935** | **-8.7%** | **12,841,518** | **12,764,042** | **-0.6%** |
| Chemicals & Chemical Products | 968,922 | 941,853 | -2.8% | 2,494,397 | 2,888,483 | 15.8% |
| Electrical & Electronic Equipment | 1,168,231 | 648,110 | -44.5% | 3,245,831 | 2,245,566 | -30.8% |
| Fabricated Metal Products | 71,946 | 79,575 | 10.6% | 198,173 | 244,315 | 23.3% |
| Food, Feed & Beverages | 643,630 | 784,849 | 21.9% | 1,807,203 | 2,186,508 | 21.0% |
| Furniture & Allied Products | 99,142 | 83,556 | -15.7% | 301,705 | 276,992 | -8.2% |
| Machinery (excl. electrical/transport) | 215,595 | 284,056 | 31.8% | 617,068 | 926,721 | 50.2% |
| Non-Metallic Mineral Products | 52,494 | 45,268 | -13.8% | 126,794 | 113,570 | -10.4% |
| Paper Products & Wood Pulp | 486,567 | 391,275 | -19.6% | 1,454,690 | 1,231,983 | -15.3% |
| Plastics | 53,151 | 60,076 | 13.0% | 141,072 | 152,645 | 8.2% |
| Primary Metal Products | 80,819 | 119,997 | 48.5% | 363,125 | 344,409 | -5.2% |
| Refined Petroleum & Coal Products | 221,464 | 112,980 | -49.0% | 523,428 | 476,026 | -9.1% |
| Transportation Equipment | 90,688 | 165,058 | 82.0% | 309,634 | 448,691 | 44.9% |
| Wood Products | 286,189 | 323,494 | 13.0% | 951,502 | 902,902 | -5.1% |
| Other Manufacturing | 104,312 | 106,787 | 2.4% | 306,895 | 325,231 | 6.0% |
| **OTHER EXPORTS** | **211,738** | **209,788** | **-.9%** | **629,504** | **791,874** | **25.8%** |
| **TOTAL** | **13,997,198** | **12,521,375** | **-10.5%** | **38,593,473** | **45,977,317** | **19.1%** |

Notes and Sources

Source of the data is Statistics Canada.

The term "Exports" refers to international shipments on merchandise; data on services trade is not readily available.

The industry breakdowns are constructed based on Statistics Canada's *Concordance Between the Canadian Export Classification, 1988,* (Based on the Harmonized Commodity Description and Coding System) and *Standard Industrial Classification, 1980.*

All data in this report are preliminary and subject to revisions.

# ALBERTA'S COMMODITY EXPORTS
## SUMMARY

| | [illegible] | | | [illegible] | | |
|---|---|---|---|---|---|---|
| | [illegible] | [illegible] | % Change | [illegible] | [illegible] | % Change |
| Total Commodity Exports | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

## EXPORTS BY REGION

| | | | | | | |
|---|---|---|---|---|---|---|
| Other Canada | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Asia | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Western Europe | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Central America | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| South America | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Middle East | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Africa | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Eastern Europe | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Oceania | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

## EXPORTS BY TOP FIFTEEN COUNTRIES

| | | | | | | |
|---|---|---|---|---|---|---|
| United States | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Japan | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| China | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Mexico | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Korea, South | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Taiwan | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| United Kingdom | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Italy | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Israel | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Belgium | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Venezuela | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Netherlands | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Germany | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| France | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Japan | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| All Other Countries | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

## EXPORTS BY INDUSTRY

| | | | | | | |
|---|---|---|---|---|---|---|
| PRIMARY AGRICULTURE | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Grain | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Livestock | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Other | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Oil, Gas, Mineral Crude & Services | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Other Mining | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| MANUFACTURING | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Chemicals & Chemical Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Electrical & Electronic Equipment | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Industrial Machinery | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Food, Feed & Beverages | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Fertilizer & Allied Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Metal Products (excl. Iron & Steel Products) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Non-Metallic Mineral Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Paper Products & Wood Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Plastics | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Refined & Semi-Refined Petroleum | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Refined Petroleum & Coal Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Transportation Equipment | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Wood Products | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Other Manufacturing | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| OTHER EXPORTS | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

Source: [illegible]

Sources of the data in Alberta's Exports:

The term "Exports" refers to commodities exported from Alberta to destinations outside Canada. (See "Other Canada" for exports to other Canadian destinations.)

The industry classifications are consistent based on Industry Canada's Canada Standard Industrial Classification (SIC) 1980 (based on the Harmonized Commodity Description and Coding System) and Statistics Canada's Canada Classification, 1989.

All data in this report are preliminary and subject to revisions.

# ALBERTA COMMODITY EXPORTS BY COUNTRY AND REGION

| Country and Region | 3rd. Quarter 2000 ($ '000) | 3rd. Quarter 2001 ($ '000) | 3rd. Quarter % Change | January to September 2000 ($ '000) | January to September 2001 ($ '000) | January to September % Change |
|---|---|---|---|---|---|---|
| **To the United States** | | | | | | |
| United States | **12,354,048** | **11,107,308** | **-10.1%** | **33,752,492** | **41,312,334** | **22.4%** |
| **To Western Europe** | | | | | | |
| United Kingdom | 54,307 | 42,601 | -21.6% | 149,215 | 135,632 | -9.1% |
| Italy | 43,058 | 23,372 | -45.7% | 151,639 | 127,938 | -15.6% |
| Belgium | 29,291 | 20,724 | -29.2% | 114,082 | 95,845 | -16.0% |
| Netherlands | 21,402 | 21,415 | 0.1% | 77,123 | 86,835 | 12.6% |
| Germany | 38,275 | 18,126 | -52.6% | 107,557 | 86,718 | -19.4% |
| France | 27,951 | 20,629 | -26.2% | 81,665 | 81,075 | -0.7% |
| Spain | 13,490 | 10,035 | -25.6% | 39,816 | 25,921 | -34.9% |
| Norway | 2,087 | 7,940 | 280.4% | 7,607 | 23,010 | 202.5% |
| Sweden | 2,164 | 6,350 | 193.4% | 7,276 | 21,486 | 195.3% |
| Switzerland | 9,783 | 3,830 | -60.9% | 24,083 | 17,305 | -28.1% |
| Finland | 1,082 | 2,208 | 104.0% | 3,190 | 13,451 | 321.6% |
| Ireland | 3,162 | 3,019 | -4.5% | 7,202 | 9,132 | 26.8% |
| Austria | 5,637 | 3,458 | -38.7% | 17,903 | 7,830 | -56.3% |
| Greece | 4,063 | 1,371 | -66.2% | 5,897 | 7,236 | 22.7% |
| Denmark | 3,625 | 257 | -92.9% | 5,287 | 3,289 | -37.8% |
| Portugal | 490 | 534 | 9.0% | 2,428 | 3,005 | 23.8% |
| Malta | 403 | 621 | 54.0% | 1,091 | 2,124 | 94.7% |
| Luxembourg | 21 | 599 | 2,709.9% | 692 | 1,912 | 176.4% |
| Greenland | 80 | 47 | -41.0% | 99 | 1,582 | n/a |
| Iceland | 214 | 168 | -21.8% | 1,019 | 669 | -34.4% |
| Gibraltar | 0 | 0 | n/a | 0 | 0 | n/a |
| St. Pierre & Miquelon | 0 | 0 | n/a | 57 | 0 | -100.0% |
| **TOTAL** | **260,587** | **187,304** | **-28.1%** | **804,928** | **751,994** | **-6.6%** |
| **To South America** | | | | | | |
| Venezuela | 19,425 | 26,478 | 36.3% | 74,867 | 89,367 | 19.4% |
| Brazil | 18,419 | 16,716 | -9.2% | 75,493 | 70,246 | -6.9% |
| Chile | 48,757 | 10,795 | -77.9% | 84,188 | 52,756 | -37.3% |
| Colombia | 12,070 | 16,413 | 36.0% | 32,505 | 47,653 | 46.6% |
| Ecuador | 8,807 | 7,488 | -15.0% | 22,357 | 28,898 | 29.3% |
| Peru | 16,113 | 6,342 | -60.6% | 27,795 | 22,473 | -19.1% |
| Argentina | 7,352 | 3,732 | -49.2% | 50,604 | 16,031 | -68.3% |
| Bolivia | 3,013 | 1,773 | -41.1% | 4,034 | 4,428 | 9.8% |
| Suriname | 0 | 2,471 | n/a | 8 | 2,690 | n/a |
| Uruguay | 81 | 195 | 141.2% | 726 | 892 | 22.9% |
| Paraguay | 0 | 25 | n/a | 26 | 80 | 205.0% |
| Guyana | 0 | 1 | n/a | 3 | 10 | 204.3% |
| **TOTAL** | **134,036** | **92,431** | **-31.0%** | **372,606** | **335,525** | **-10.0%** |
| **To Middle East (includes North Africa)** | | | | | | |
| Iran | 27,741 | 14,481 | -47.8% | 172,446 | 110,626 | -35.8% |
| Egypt | 1,026 | 8,259 | 704.7% | 13,875 | 42,420 | 205.7% |
| United Arab Emirates | 10,060 | 12,364 | 22.9% | 44,366 | 35,462 | -20.1% |
| Sudan | 3,310 | 5,566 | 68.2% | 4,782 | 27,635 | 477.9% |
| Saudi Arabia | 4,856 | 6,296 | 29.7% | 20,611 | 24,147 | 17.2% |
| Yemen | 4,949 | 10,283 | 107.8% | 9,799 | 21,652 | 121.0% |
| Israel | 8,495 | 736 | -91.3% | 13,056 | 10,939 | -16.2% |
| Oman | 844 | 6,319 | 648.6% | 3,557 | 9,302 | 161.5% |
| Libya | 513 | 2,090 | 307.1% | 6,179 | 5,780 | -6.5% |
| Qatar | 757 | 439 | -42.0% | 3,404 | 5,272 | 54.9% |
| Bahrain | 383 | 133 | -65.4% | 1,778 | 4,074 | 129.1% |
| Kuwait | 214 | 1,039 | 386.0% | 1,520 | 3,253 | 113.9% |
| Iraq | 3,608 | 173 | -95.2% | 20,233 | 3,162 | -84.4% |
| Cyprus | 161 | 406 | 152.6% | 737 | 2,830 | 283.9% |
| Turkey | 3,598 | 886 | -75.4% | 7,174 | 2,276 | -68.3% |
| Ethiopia | 0 | 361 | n/a | 1,825 | 2,122 | 16.3% |
| Lebanon | 408 | 757 | 85.5% | 893 | 1,376 | 54.2% |
| Syria | 1,357 | 721 | -46.9% | 1,836 | 1,171 | -36.2% |
| Jordan | 89 | 311 | 249.8% | 1,073 | 324 | -69.8% |
| **TOTAL** | **72,370** | **71,617** | **-1.0%** | **329,144** | **313,821** | **-4.7%** |

## ALBERTA COMMODITY EXPORTS BY COUNTRY AND REGION

| Country and Region | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| | 2000 ($ '000) | 2001 ($ '000) | % Change | 2000 ($ '000) | 2001 ($ '000) | % Change |
| **To Asia** | | | | | | |
| Japan | 337,683 | 336,013 | -0.5% | 1,010,078 | 995,024 | -1.5% |
| China | 223,578 | 189,639 | -15.2% | 531,801 | 622,733 | 17.1% |
| Korea, South | 141,701 | 114,370 | -19.3% | 448,112 | 330,916 | -26.2% |
| Taiwan | 53,610 | 58,633 | 9.4% | 172,182 | 167,938 | -2.5% |
| Indonesia | 29,063 | 22,141 | -23.8% | 93,469 | 68,947 | -26.2% |
| Hong Kong | 44,183 | 27,036 | -38.8% | 126,251 | 66,664 | -47.2% |
| Philippines | 18,914 | 20,514 | 8.5% | 40,567 | 53,331 | 31.5% |
| Thailand | 12,203 | 13,011 | 6.6% | 31,054 | 41,536 | 33.8% |
| Singapore | 11,883 | 16,576 | 39.5% | 59,499 | 39,818 | -33.1% |
| India | 9,916 | 2,775 | -72.0% | 33,255 | 34,681 | 4.3% |
| Malaysia | 10,558 | 10,785 | 2.2% | 41,313 | 34,220 | -17.2% |
| Bangladesh | 10,272 | 5,641 | -45.1% | 36,222 | 29,099 | -19.7% |
| Vietnam | 1,048 | 5,414 | 416.4% | 3,262 | 8,017 | 145.8% |
| Pakistan | 2,088 | 1,573 | -24.7% | 6,919 | 5,614 | -18.9% |
| Sri Lanka | 77 | 292 | 280.3% | 10,225 | 4,157 | -59.3% |
| Maldives | 3,247 | 480 | -85.2% | 3,635 | 3,852 | 6.0% |
| Korea, North | 3,744 | 34 | -99.1% | 3,953 | 553 | -86.0% |
| Macau | 0 | 224 | n/a | 83 | 523 | 532.8% |
| Brunei Darussalam | 0 | 6 | n/a | 216 | 157 | -27.3% |
| Nepal | 17 | 32 | 95.5% | 2,570 | 75 | -97.1% |
| Cambodia | 0 | 0 | n/a | 196 | 0 | -100.0% |
| **TOTAL** | **913,785** | **825,191** | **-9.7%** | **2,654,862** | **2,507,856** | **-5.5%** |
| **To Africa** | | | | | | |
| Morocco | 18,108 | 15,591 | -13.9% | 39,391 | 48,480 | 23.1% |
| Algeria | 17,265 | 9,628 | -44.2% | 61,079 | 48,287 | -20.9% |
| Nigeria | 4,901 | 6,144 | 25.4% | 10,751 | 20,143 | 87.4% |
| South Africa | 11,038 | 6,744 | -38.9% | 31,977 | 18,549 | -42.0% |
| Ghana | 3,026 | 3,769 | 24.5% | 8,824 | 11,206 | 27.0% |
| Tunisia | 95 | 85 | -10.6% | 822 | 7,019 | 754.1% |
| Cameroon | 1,761 | 2,750 | 56.1% | 4,458 | 6,777 | 52.0% |
| Senegal | 7,685 | 260 | -96.6% | 8,040 | 5,499 | -31.6% |
| Togo | 1,076 | 1,320 | 22.7% | 3,731 | 5,194 | 39.2% |
| Kenya | 1,100 | 2,754 | 150.4% | 2,562 | 3,504 | 36.8% |
| Chad | 0 | 1,697 | n/a | 0 | 1,822 | n/a |
| Cote d'Ivoire | 451 | 855 | 89.6% | 2,625 | 1,144 | -56.4% |
| Congo | 0 | 43 | n/a | 4 | 711 | n/a |
| Mauritius | 350 | 230 | -34.2% | 520 | 692 | 33.1% |
| Tanzania | 79 | 230 | 189.6% | 146 | 584 | 301.0% |
| Liberia | 0 | 0 | n/a | 6 | 371 | 6,236.4% |
| Angola | 441 | 188 | -57.2% | 451 | 287 | -36.3% |
| Equatorial Guinea | 0 | 94 | n/a | 0 | 167 | n/a |
| Mozambique | 125 | 0 | -100.0% | 724 | 120 | -83.5% |
| Somalia | 0 | 0 | n/a | 0 | 77 | n/a |
| Guinea | 1 | 37 | n/a | 81 | 76 | -5.3% |
| Gabon | 9 | 18 | 100.7% | 188 | 56 | -70.2% |
| Mali | 8 | 0 | -100.0% | 442 | 39 | -91.2% |
| Sierra Leone | 15 | 0 | -100.0% | 15 | 38 | 149.5% |
| Uganda | 0 | 0 | n/a | 37 | 33 | -11.9% |
| Congo, Dem. Rep. of | 0 | 0 | n/a | 0 | 30 | n/a |
| Botswana | 6 | 18 | 199.6% | 736 | 23 | -96.9% |
| Zambia | 49 | 8 | -83.1% | 470 | 19 | -96.0% |
| Burundi | 0 | 0 | n/a | 0 | 16 | n/a |
| Djibouti | 0 | 0 | n/a | 0 | 10 | n/a |
| Niger | 0 | 5 | n/a | 10 | 8 | -21.4% |
| Zimbabwe | 0 | 6 | n/a | 44 | 6 | -85.3% |
| Madagascar | 0 | 0 | n/a | 27 | 1 | -96.3% |
| Armenia | 0 | 0 | n/a | 13 | 0 | -100.0% |
| Benin | 5 | 0 | -100.0% | 22 | 0 | -100.0% |
| Malawi | 0 | 0 | n/a | 35 | 0 | -100.0% |
| Namibia | 265 | 0 | -100.0% | 1,103 | 0 | -100.0% |
| Rwanda | 0 | 0 | n/a | 30 | 0 | -100.0% |
| Seychelles | 15 | 0 | -100.0% | 15 | 0 | -100.0% |
| Swaziland | 0 | 0 | n/a | 389 | 0 | -100.0% |
| **TOTAL** | **67,877** | **52,475** | **-22.7%** | **179,769** | **180,988** | **.7%** |

# ALBERTA COMMODITY EXPORTS BY COUNTRY AND REGION

| Country and Region | 3rd. Quarter 2000 ($ '000) | 3rd. Quarter 2001 ($ '000) | 3rd. Quarter % Change | January to September 2000 ($ '000) | January to September 2001 ($ '000) | January to September % Change |
|---|---|---|---|---|---|---|
| **To Oceania** | | | | | | |
| Australia | 39,972 | 12,124 | -69.7% | 95,223 | 41,018 | -56.9% |
| New Zealand | 8,953 | 7,065 | -21.1% | 21,491 | 22,098 | 2.8% |
| Papua New Guinea | 14 | 0 | -100.0% | 15 | 114 | 643.4% |
| Guam | 87 | 32 | -63.4% | 229 | 111 | -51.5% |
| French Polynesia | 0 | 7 | n/a | 988 | 66 | -93.4% |
| Tonga | 0 | 0 | n/a | 0 | 29 | n/a |
| New Caledonia | 0 | 0 | n/a | 2 | 16 | 765.3% |
| Kiribati | 0 | 0 | n/a | 0 | 11 | n/a |
| Cook Islands | 0 | 0 | n/a | 0 | 10 | n/a |
| Samoa (Western) | 0 | 0 | n/a | 0 | 5 | n/a |
| American Samoa | 0 | 3 | n/a | 0 | 3 | n/a |
| Antarctica | 0 | 0 | n/a | 0 | 2 | n/a |
| Fiji | 15 | 0 | -100.0% | 15 | 0 | -100.0% |
| **TOTAL** | **49,041** | **19,231** | **-60.8%** | **117,964** | **63,483** | **-46.2%** |
| **To Eastern Europe** | | | | | | |
| Russia | 12,887 | 18,991 | 47.4% | 34,727 | 68,991 | 98.7% |
| Kazakhstan | 3,409 | 2,993 | -12.2% | 9,048 | 14,483 | 60.1% |
| Poland | 2,008 | 989 | -50.7% | 4,175 | 2,958 | -29.1% |
| Croatia | 3 | 589 | n/a | 53 | 2,649 | n/a |
| Latvia | 422 | 90 | -78.7% | 941 | 1,254 | 33.2% |
| Czech Republic | 237 | 500 | 110.7% | 3,496 | 1,181 | -66.2% |
| Hungary | 414 | 167 | -59.6% | 894 | 796 | -10.9% |
| Kyrgyzstan | 317 | 231 | -27.0% | 583 | 699 | 19.8% |
| Romania | 890 | 155 | -82.5% | 2,682 | 459 | -82.9% |
| Azerbaijan | 472 | 71 | -85.0% | 761 | 367 | -51.7% |
| Slovakia | 0 | 260 | n/a | 64 | 339 | 433.5% |
| Lithuania | 2,071 | 108 | -94.8% | 2,351 | 313 | -86.7% |
| Turkmenistan | 13 | 195 | n/a | 23 | 313 | n/a |
| Ukraine | 55 | 30 | -44.4% | 505 | 271 | -46.3% |
| Slovenia | 28 | 8 | -71.2% | 234 | 176 | -24.5% |
| Uzbekistan | 0 | 87 | n/a | 0 | 88 | n/a |
| Afghanistan | 0 | 0 | n/a | 3 | 39 | n/a |
| Estonia | 0 | 39 | n/a | 0 | 39 | n/a |
| Yugoslavia | 15 | 0 | -100.0% | 15 | 24 | 65.8% |
| Bulgaria | 0 | 7 | n/a | 0 | 19 | n/a |
| Albania | 0 | 0 | n/a | 87 | 0 | -100.0% |
| Bosnia-Herzegovina | 0 | 0 | n/a | 7 | 0 | -100.0% |
| Georgia | 0 | 0 | n/a | 82 | 0 | -100.0% |
| Macedonia | 0 | 0 | n/a | 0 | 0 | n/a |
| Moldova | 0 | 0 | n/a | 0 | 0 | n/a |
| **TOTAL** | **23,240** | **25,512** | **9.8%** | **60,731** | **95,458** | **57.2%** |
| **To Central America, Mexico and the Caribbean** | | | | | | |
| Mexico | 90,947 | 117,687 | 29.4% | 220,497 | 341,673 | 55.0% |
| Cuba | 16,104 | 11,850 | -26.4% | 37,048 | 42,219 | 14.0% |
| Guatemala | 9,483 | 6,587 | -30.5% | 33,423 | 18,353 | -45.1% |
| Dominican Republic | 1,223 | 1,980 | 61.9% | 5,088 | 3,751 | -26.3% |
| Trinidad & Tobago | 342 | 804 | 135.4% | 1,300 | 2,233 | 71.7% |
| Costa Rica | 1,718 | 207 | -87.9% | 10,022 | 1,651 | -83.5% |
| Netherlands Antilles | 0 | 31 | n/a | 230 | 1,073 | 366.9% |
| Jamaica | 385 | 315 | -18.1% | 5,928 | 1,022 | -82.8% |
| El Salvador | 0 | 51 | n/a | 503 | 800 | 58.9% |
| Panama | 276 | 17 | -93.7% | 707 | 784 | 10.9% |
| Bermuda | 52 | 94 | 80.2% | 567 | 760 | 34.1% |
| Barbados | 1 | 148 | n/a | 1,838 | 431 | -76.6% |
| Nicaragua | 219 | 326 | 49.3% | 486 | 418 | -14.0% |
| Bahamas | 274 | 75 | -72.7% | 1,677 | 298 | -82.2% |
| Belize | 2 | 0 | -100.0% | 3 | 96 | n/a |
| St. Kitts & Nevis | 0 | 72 | n/a | 0 | 72 | n/a |
| Cayman Islands | 0 | 0 | -100.0% | 0 | 60 | n/a |
| Haiti | 1,101 | 54 | -95.1% | 1,101 | 54 | -95.1% |
| Turks & Caicos Islands | 0 | 0 | n/a | 0 | 25 | n/a |
| Virgin Islands (British) | 24 | 0 | -100.0% | 24 | 19 | -23.0% |
| Antigua & Barbuda | 0 | 6 | n/a | 63 | 16 | -74.1% |
| Martinique | 5 | 0 | -100.0% | 23 | 15 | -34.0% |
| Dominica | 0 | 0 | n/a | 0 | 12 | n/a |
| St. Vincent & the Grenadi | 0 | 0 | n/a | 279 | 11 | -96.2% |
| Honduras | 5 | 2 | -66.6% | 92 | 9 | -90.0% |
| Grenada | 21 | 0 | -100.0% | 21 | 2 | -90.4% |
| Guadeloupe | 0 | 0 | n/a | 0 | 0 | n/a |
| St. Lucia | 32 | 0 | -100.0% | 57 | 0 | -100.0% |
| **TOTAL** | **122,214** | **140,306** | **14.8%** | **320,977** | **415,858** | **29.6%** |

## ALBERTA'S TOP 25 COMMODITY EXPORTS

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **Commodities** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| Natural Gas | 4,283,626 | 3,967,897 | -7.4% | 10,535,364 | 18,984,923 | 80.2% |
| Crude Oil | 3,799,354 | 3,094,872 | -18.5% | 11,116,515 | 9,659,766 | -13.1% |
| Transmission Apparatus for Line Telephony | 461,654 | 293,216 | -36.5% | 1,316,746 | 976,192 | -25.9% |
| Beef Boneless, Fresh or Chilled | 246,380 | 334,814 | 35.9% | 679,345 | 901,672 | 32.7% |
| Propane, Liquefied | 214,203 | 210,576 | -1.7% | 501,645 | 829,651 | 65.4% |
| Wheat (other than Durum Wheat), and Meslin | 248,044 | 247,448 | -.2% | 794,130 | 723,452 | -8.9% |
| Bovine Animals, Not Pure Breeding | 125,660 | 223,084 | 77.5% | 378,779 | 564,640 | 49.1% |
| Coniferous Wood Products Sawn >6mm thick | 163,459 | 180,933 | 10.7% | 532,655 | 514,673 | -3.4% |
| Chemical Wood Pulp, Coniferous | 194,893 | 145,645 | -25.3% | 557,336 | 472,986 | -15.1% |
| Low Value and Confidential Transactions | 159,699 | 156,653 | -1.9% | 443,839 | 465,753 | 4.9% |
| Polyethylene Having a Specific Gravity >.94 | 9,710 | 165,312 | 1,602.5% | 24,568 | 448,205 | 1,724.4% |
| Methyl Tertiary-Butyl Ether | 142,591 | 97,197 | -31.8% | 298,035 | 422,366 | 41.7% |
| Telephonic or telegraphic switching equip. | 391,706 | 47,331 | -87.9% | 1,028,006 | 399,543 | -61.1% |
| Petroleum Oils, other than Crude | 184,450 | 83,364 | -54.8% | 419,367 | 368,378 | -12.2% |
| Canola | 91,300 | 93,773 | 2.7% | 243,556 | 360,923 | 48.2% |
| Styrene | 150,312 | 152,064 | 1.2% | 385,990 | 339,875 | -11.9% |
| Chemical Wood Pulp, Non-Coniferous | 124,165 | 108,323 | -12.8% | 412,927 | 331,935 | -19.6% |
| Ethylene Glycol | 113,844 | 92,365 | -18.9% | 255,190 | 324,758 | 27.3% |
| Polyethylene with a Specific Gravity <.94 | 151,746 | 91,821 | -39.5% | 422,588 | 321,173 | -24.0% |
| Bituminous Coal | 82,194 | 82,134 | -.1% | 307,478 | 302,313 | -1.7% |
| Waferboard, including Oriented Strand Board | 84,887 | 100,271 | 18.1% | 308,652 | 270,231 | -12.4% |
| Parts for Transmission App. for Radio-Teleph. | 53,343 | 88,102 | 65.2% | 154,126 | 259,925 | 68.6% |
| Beef Cuts With Bone In, Fresh or Chilled | 57,594 | 64,923 | 12.7% | 171,095 | 202,570 | 18.4% |
| Electrical Energy | 1,928 | 10,603 | 450.1% | 3,691 | 202,309 | 5,380.5% |
| Parts of Electrical Apparatus for Line Teleph. | 111,113 | 57,417 | -48.3% | 241,145 | 197,111 | -18.3% |
| **TOTAL ABOVE** | **11,647,854** | **10,190,137** | **-12.5%** | **31,532,767** | **38,845,325** | **23.2%** |
| **TOTAL** | **13,997,198** | **12,521,375** | **-10.5%** | **38,593,473** | **45,977,317** | **19.1%** |

## ALBERTA'S EXPORTS TO THE UNITED STATES BY INDUSTRY

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **EXPORTS BY INDUSTRY** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| **PRIMARY AGRICULTURE** | **227,517** | **340,574** | **49.7%** | **751,036** | **971,546** | **29.4%** |
| Crops | 61,326 | 74,795 | 22.0% | 253,117 | 266,668 | 5.4% |
| Livestock | 166,191 | 265,779 | 59.9% | 497,919 | 704,878 | 41.6% |
| **MINING** | **8,428,311** | **7,325,456** | **-13.1%** | **22,592,351** | **29,685,572** | **31.4%** |
| Oil, Gas, Natural Gas Liquids & Sulphur | 8,423,294 | 7,311,736 | -13.2% | 22,577,972 | 29,645,660 | 31.3% |
| Other Mining | 5,017 | 13,720 | 173.5% | 14,379 | 39,912 | 177.6% |
| **MANUFACTURING** | **3,509,693** | **3,247,389** | **-7.5%** | **9,882,229** | **9,922,196** | **0.4%** |
| Chemicals & Chemical Products | 707,055 | 769,339 | 8.8% | 1,848,727 | 2,353,413 | 27.3% |
| Electrical & Electronic Equipment | 1,051,357 | 562,990 | -46.5% | 2,967,608 | 2,005,121 | -32.4% |
| Fabricated Metal Products | 57,381 | 68,189 | 18.8% | 155,530 | 200,696 | 29.0% |
| Food, Feed & Beverages | 449,002 | 557,913 | 24.3% | 1,307,606 | 1,544,234 | 18.1% |
| Furniture & Allied Products | 95,352 | 82,051 | -14.0% | 291,621 | 267,960 | -8.1% |
| Machinery (excl. electrical/transport) | 144,093 | 185,981 | 29.1% | 406,779 | 555,953 | 36.7% |
| Non-Metallic Mineral Products | 50,597 | 43,784 | -13.5% | 117,434 | 107,676 | -8.3% |
| Paper Products & Wood Pulp | 240,186 | 218,628 | -9.0% | 692,006 | 671,721 | -2.9% |
| Plastics | 50,168 | 56,940 | 13.5% | 129,849 | 145,250 | 11.9% |
| Primary Metal Products | 28,476 | 49,226 | 72.9% | 84,882 | 121,021 | 42.6% |
| Refined Petroleum & Coal Products | 221,313 | 112,502 | -49.2% | 522,597 | 475,167 | -9.1% |
| Transportation Equipment | 80,976 | 155,151 | 91.6% | 278,250 | 401,254 | 44.2% |
| Wood Products | 262,679 | 311,802 | 18.7% | 876,038 | 852,276 | -2.7% |
| Other Manufacturing | 71,057 | 72,893 | 2.6% | 203,301 | 220,453 | 8.4% |
| **OTHER EXPORTS** | **188,527** | **193,890** | **2.8%** | **526,877** | **733,020** | **39.1%** |
| **TOTAL** | **12,354,048** | **11,107,308** | **-10.1%** | **33,752,492** | **41,312,334** | **22.4%** |

## ALBERTA'S EXPORTS TO THE NETHERLANDS BY INDUSTRY

| EXPORTS BY INDUSTRY | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| | 2000 ($ '000) | 2001 ($ '000) | % Change | 2000 ($ '000) | 2001 ($ '000) | % Change |
| **PRIMARY AGRICULTURE** | **1,333** | **4,240** | **218.0%** | **3,355** | **5,233** | **55.9%** |
| Crops | 1,333 | 4,240 | 218.0% | 3,251 | 5,213 | 60.3% |
| Livestock | 0 | 0 | n/a | 104 | 19 | -81.5% |
| **MINING** | **0** | **0** | **n/a** | **0** | **0** | **n/a** |
| Oil, Gas, Natural Gas Liquids & Sulphur | 0 | 0 | n/a | 0 | 0 | n/a |
| Other Mining | 0 | 0 | n/a | 0 | 0 | n/a |
| **MANUFACTURING** | **18,762** | **16,204** | **-13.6%** | **67,383** | **77,032** | **14.3%** |
| Chemicals & Chemical Products | 3,386 | 55 | -98.4% | 4,627 | 694 | -85.0% |
| Electrical & Electronic Equipment | 192 | 128 | -33.5% | 461 | 478 | 3.8% |
| Fabricated Metal Products | 30 | 79 | 160.4% | 161 | 229 | 42.2% |
| Food, Feed & Beverages | 80 | 0 | -100.0% | 151 | 235 | 55.1% |
| Furniture & Allied Products | 0 | 126 | n/a | 0 | 306 | n/a |
| Machinery (excl. electrical/transport) | 522 | 629 | 20.4% | 2,885 | 3,413 | 18.3% |
| Non-Metallic Mineral Products | 0 | 0 | n/a | 0 | 0 | n/a |
| Paper Products & Wood Pulp | 1,063 | 290 | -72.7% | 2,688 | 1,416 | -47.3% |
| Plastics | 32 | 36 | 11.6% | 72 | 48 | -33.7% |
| Primary Metal Products | 12,909 | 14,414 | 11.7% | 52,479 | 65,558 | 24.9% |
| Refined Petroleum & Coal Products | 0 | 0 | n/a | 0 | 0 | n/a |
| Transportation Equipment | 6 | 32 | 439.1% | 1,097 | 1,096 | -0.1% |
| Wood Products | 0 | 0 | n/a | 1,174 | 366 | -68.8% |
| Other Manufacturing | 541 | 415 | -23.2% | 1,587 | 3,192 | 101.2% |
| **OTHER EXPORTS** | **1,306** | **971** | **-25.7%** | **6,385** | **4,570** | **-28.4%** |
| **TOTAL** | **21,402** | **21,415** | **0.1%** | **77,123** | **86,835** | **12.6%** |

## ALBERTA'S EXPORTS TO TAIWAN BY INDUSTRY

| EXPORTS BY INDUSTRY | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| | 2000 ($ '000) | 2001 ($ '000) | % Change | 2000 ($ '000) | 2001 ($ '000) | % Change |
| **PRIMARY AGRICULTURE** | **5,873** | **11,580** | **97.2%** | **17,591** | **26,613** | **51.3%** |
| Crops | 721 | 167 | -76.9% | 4,643 | 922 | -80.1% |
| Livestock | 5,152 | 11,414 | 121.5% | 12,948 | 25,690 | 98.4% |
| **MINING** | **1,579** | **0** | **-100.0%** | **4,584** | **5,467** | **19.3%** |
| Oil, Gas, Natural Gas Liquids & Sulphur | 0 | 0 | n/a | 0 | 0 | n/a |
| Other Mining | 1,579 | 0 | -100.0% | 4,584 | 5,467 | 19.3% |
| **MANUFACTURING** | **45,891** | **46,789** | **2.0%** | **149,240** | **135,238** | **-9.4%** |
| Chemicals & Chemical Products | 14,849 | 10,659 | -28.2% | 50,351 | 39,578 | -21.4% |
| Electrical & Electronic Equipment | 11,147 | 18,936 | 69.9% | 30,936 | 42,996 | 39.0% |
| Fabricated Metal Products | 79 | 0 | -100.0% | 162 | 50 | -69.0% |
| Food, Feed & Beverages | 5,816 | 5,732 | -1.4% | 19,806 | 19,534 | -1.4% |
| Furniture & Allied Products | 201 | 0 | -100.0% | 327 | 83 | -74.5% |
| Machinery (excl. electrical/transport) | 2 | 151 | 7,493.1% | 545 | 250 | -54.1% |
| Non-Metallic Mineral Products | 14 | 0 | -100.0% | 25 | 9 | -64.2% |
| Paper Products & Wood Pulp | 12,611 | 8,674 | -31.2% | 40,633 | 26,159 | -35.6% |
| Plastics | 0 | 0 | n/a | 40 | 0 | -100.0% |
| Primary Metal Products | 28 | 1,680 | 5,889.3% | 2,527 | 3,862 | 52.8% |
| Refined Petroleum & Coal Products | 0 | 11 | n/a | 0 | 11 | n/a |
| Transportation Equipment | 0 | 0 | n/a | 0 | 8 | n/a |
| Wood Products | 301 | 45 | -85.1% | 831 | 300 | -63.9% |
| Other Manufacturing | 844 | 903 | 6.9% | 3,059 | 2,399 | -21.6% |
| **OTHER EXPORTS** | **267** | **264** | **-1.3%** | **766** | **620** | **-19.1%** |
| **TOTAL** | **53,610** | **58,633** | **9.4%** | **172,182** | **167,938** | **-2.5%** |

## SECTOR PROFILE - Chemicals & Chemical Products

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **Commodities** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| Polyethylene having a spec gravity of 0.94 or more | 9,710 | 165,312 | 1,602.5% | 24,568 | 448,205 | 1,724.4% |
| Methyl tertiary-butyl ether | 142,591 | 97,197 | -31.8% | 298,035 | 422,366 | 41.7% |
| Styrene | 150,312 | 152,064 | 1.2% | 385,990 | 339,875 | -11.9% |
| Ethylene glycol (ethanediol) | 113,844 | 92,365 | -18.9% | 255,190 | 324,758 | 27.3% |
| Polyethylene having a specific gravity under 0.94 | 151,746 | 91,821 | -39.5% | 422,588 | 321,173 | -24.0% |
| Urea, whether or not in aqueous solution | 77,964 | 51,532 | -33.9% | 260,973 | 181,836 | -30.3% |
| Anhydrous ammonia | 49,987 | 37,472 | -25.0% | 149,609 | 134,283 | -10.2% |
| Artificial filament tow | 37,690 | 31,254 | -17.1% | 101,309 | 105,216 | 3.9% |
| Ethylene-vinyl acetate copolymers, pr fms | 28,065 | 25,497 | -9.1% | 86,769 | 81,563 | -6.0% |
| Polyvinyl chloride, not mixed with other substance | 10,384 | 31,677 | 205.0% | 39,843 | 77,113 | 93.5% |
| Polymers of ethylene nesoi, in primary forms | 7,026 | 37,419 | 432.6% | 23,280 | 58,031 | 149.3% |
| Methanol (methyl alcohol) | 20,639 | 13,312 | -35.5% | 44,613 | 52,051 | 16.7% |
| 2,2'-oxydiethanol (diethylene glycol, digol) | 12,713 | 14,516 | 14.2% | 27,342 | 49,169 | 79.8% |
| Carbon, nesoi (including carbon black) | 9,809 | 10,184 | 3.8% | 28,766 | 32,244 | 12.1% |
| Ammonium nitrate, whether/not in aqueous solution | 11,532 | 11,642 | 0.9% | 34,235 | 31,455 | -8.1% |
| Acyclic hydrocarbons, saturated | 55,847 | 2,673 | -95.2% | 114,380 | 28,057 | -75.5% |
| Vinyl acetate | 10,905 | 11,635 | 6.7% | 17,892 | 25,397 | 41.9% |
| Sodium chlorate | 3,818 | 6,851 | 79.4% | 12,464 | 17,404 | 39.6% |
| Supported catalysts, nesoi | 6,983 | 6,867 | -1.7% | 11,792 | 14,366 | 21.8% |
| Phenolic resins, pr fms | 1,593 | 5,128 | 221.8% | 4,815 | 14,119 | 193.2% |
| Products and residuals of chemical industry, nesoi | 4,015 | 3,955 | -1.5% | 12,851 | 12,598 | -2.0% |
| Pentaerythritol | 5,380 | 3,790 | -29.6% | 13,296 | 12,214 | -8.1% |
| Ammonium sulfate | 5,718 | 6,049 | 5.8% | 15,673 | 11,986 | -23.5% |
| Propyl alcohol and isopropyl alcohol | 4,390 | 3,544 | -19.3% | 10,065 | 10,234 | 1.7% |
| Antifreezing prep & prepared deicing fluids | 4,518 | 2,849 | -37.0% | 11,540 | 5,971 | -48.3% |
| **TOTAL ABOVE** | **937,179** | **916,604** | **-2.2%** | **2,407,878** | **2,811,684** | **16.8%** |
| **INDUSTRY TOTAL** | **968,922** | **941,853** | **-2.8%** | **2,494,397** | **2,888,483** | **15.8%** |

## SECTOR PROFILE - Machinery (exc. Electrical/transport)

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **Commodities** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| Parts for boring or sinking machinery, nes | 14,843 | 51,899 | 249.7% | 52,786 | 143,713 | 172.3% |
| Engine and motor parts, nes | 14,789 | 23,123 | 56.4% | 37,962 | 67,895 | 78.9% |
| Mach & mechanical appl w individual function nes | 17,842 | 13,916 | -22.0% | 51,550 | 67,463 | 30.9% |
| Air/gas pumps, compressors and fans etc, nes | 8,825 | 15,284 | 73.2% | 22,948 | 50,451 | 119.8% |
| Pts of mach/mechncl appl w indvdul function nes | 8,420 | 10,121 | 20.2% | 31,596 | 46,731 | 47.9% |
| Pts for lifting, hndlng, loading/unldng mach nes | 4,678 | 13,191 | 182.0% | 15,870 | 43,044 | 171.2% |
| Parts of pumps for liquids | 8,144 | 11,116 | 36.5% | 20,341 | 39,093 | 92.2% |
| Reciprocating positive displacement pumps, nes | 576 | 10,310 | n/a | 1,421 | 34,004 | n/a |
| Parts for machinery plant or lab equipment etc | 11,535 | 9,695 | -16.0% | 20,451 | 33,493 | 63.8% |
| Hydraulic power engines & motors ex linear acting | 8,629 | 7,484 | -13.3% | 27,985 | 31,901 | 14.0% |
| Boring or sinking mach nes, not self-propelled | 6,706 | 7,649 | 14.1% | 19,605 | 30,289 | 54.5% |
| Air conditioning mach etc incorp refrig unit nes | 5,906 | 8,679 | 47.0% | 19,612 | 26,139 | 33.3% |
| Fire fighting vehicles | 5,346 | 5,407 | 1.1% | 13,554 | 22,111 | 63.1% |
| Parts and attachments nes for derricks etc. | 7,891 | 5,225 | -33.8% | 22,677 | 19,921 | -12.2% |
| Machine etc for mat'l treatment by temp cont nes | 3,566 | 2,537 | -28.9% | 6,503 | 14,571 | 124.1% |
| Rotary positive displacement pumps, nes | 2,153 | 2,442 | 13.4% | 4,733 | 13,181 | 178.5% |
| Air/gas pump, compressor and fan etc parts, nes | 718 | 8,065 | n/a | 2,787 | 12,456 | 346.9% |
| Mobile drilling derricks | 4,607 | 3,755 | -18.5% | 9,291 | 9,846 | 6.0% |
| Machinery for preparing animal feeds | 2,753 | 2,633 | -4.4% | 8,242 | 9,454 | 14.7% |
| Filter/purify machine & apparatus for liquid nes | 3,132 | 1,504 | -52.0% | 4,723 | 9,081 | 92.3% |
| Lifting, handling, loading & unloading machy nes | 2,280 | 2,479 | 8.7% | 7,166 | 8,607 | 20.1% |
| Compressors used in refrigerating equipment | 5 | 6,443 | n/a | 271 | 8,254 | n/a |
| Agric, hort, forest, bee-keeping machinery nes | 2,275 | 2,959 | 30.1% | 7,760 | 7,799 | .5% |
| Merry-go-rounds, oth fairground amusements, parts | 3,279 | 409 | -87.5% | 7,185 | 7,475 | 4.0% |
| Boring or sinking machinery, nes, self-propelled | 1,998 | 1,197 | -40.1% | 9,956 | 7,072 | -29.0% |
| **TOTAL ABOVE** | **150,896** | **227,521** | **50.8%** | **426,975** | **764,045** | **78.9%** |
| **INDUSTRY TOTAL** | **215,595** | **284,056** | **31.8%** | **617,068** | **926,721** | **50.2%** |

## TOTAL ALBERTA COMMODITY EXPORTS TO THE USA BY STATE

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **State *** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| Washington | 1,628,823 | 1,494,361 | -8.3% | 4,101,615 | 7,086,498 | 72.8% |
| Illinois | 1,360,574 | 1,851,069 | 36.1% | 4,048,475 | 6,796,526 | 67.9% |
| New York | 2,045,244 | 1,327,103 | -35.1% | 5,389,158 | 5,677,712 | 5.4% |
| Tennessee | 688,866 | 468,601 | -32.0% | 1,786,022 | 2,613,056 | 46.3% |
| Minnesota | 1,339,523 | 590,554 | -55.9% | 3,861,725 | 2,026,869 | -47.5% |
| Ohio | 564,910 | 428,876 | -24.1% | 1,863,838 | 1,796,455 | -3.6% |
| Michigan | 575,746 | 531,760 | -7.6% | 1,367,465 | 1,788,287 | 30.8% |
| California | 526,592 | 429,109 | -18.5% | 1,365,385 | 1,457,111 | 6.7% |
| Texas | 462,670 | 481,170 | 4.0% | 1,286,771 | 1,247,234 | -3.1% |
| Iowa | 388,596 | 295,743 | -23.9% | 964,048 | 1,234,512 | 28.1% |
| Kansas | 43,861 | 337,528 | 669.5% | 152,058 | 1,075,596 | 607.4% |
| Wisconsin | 244,043 | 292,703 | 19.9% | 714,979 | 885,222 | 23.8% |
| Montana | 329,484 | 246,342 | -25.2% | 910,796 | 809,578 | -11.1% |
| Pennsylvania | 282,010 | 222,097 | -21.2% | 880,170 | 778,489 | -11.6% |
| Wyoming | 167,879 | 310,099 | 84.7% | 482,600 | 673,650 | 39.6% |
| North Dakota | 205,628 | 156,106 | -24.1% | 468,760 | 503,125 | 7.3% |
| Oregon | 139,034 | 122,537 | -11.9% | 399,721 | 379,991 | -4.9% |
| Utah | 88,304 | 108,662 | 23.1% | 239,532 | 357,407 | 49.2% |
| Connecticut | 17,759 | 155,831 | 777.5% | 29,410 | 354,354 | 1,104.9% |
| Colorado | 64,941 | 150,091 | 131.1% | 185,434 | 312,867 | 68.7% |
| Top 20 States Above | 11,164,486 | 10,000,344 | -10.4% | 30,497,961 | 37,854,540 | 24.1% |
| All other US States | 1,189,562 | 1,106,964 | -6.9% | 3,254,532 | 3,457,793 | 6.2% |
| **Total Exports to the USA** | **12,354,048** | **11,107,308** | **-10.1%** | **33,752,492** | **41,312,334** | **22.4%** |

## ALBERTA COMMODITY EXPORTS TO THE USA BY STATE WITHOUT OIL/GAS COMMODITIES

| | 3rd. Quarter | | | January to September | | |
|---|---|---|---|---|---|---|
| **State **** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** | **2000 ($ '000)** | **2001 ($ '000)** | **% Change** |
| California | 522,900 | 413,475 | -20.9% | 1,339,769 | 1,402,899 | 4.7% |
| Texas | 345,154 | 382,231 | 10.7% | 1,018,223 | 987,448 | -3.0% |
| New York | 671,542 | 257,008 | -61.7% | 2,069,262 | 791,155 | -61.8% |
| Washington | 220,694 | 179,902 | -18.5% | 670,341 | 696,844 | 4.0% |
| Illinois | 184,746 | 186,663 | 1.0% | 497,150 | 622,176 | 25.1% |
| Tennessee | 43,483 | 59,942 | 37.9% | 99,552 | 402,857 | 304.7% |
| Oregon | 135,977 | 120,438 | -11.4% | 387,881 | 363,727 | -6.2% |
| Pennsylvania | 89,879 | 137,701 | 53.2% | 190,665 | 363,049 | 90.4% |
| Wisconsin | 116,086 | 120,357 | 3.7% | 368,196 | 357,051 | -3.0% |
| Connecticut | 17,620 | 28,807 | 63.5% | 155,653 | 353,915 | 127.4% |
| Ohio | 70,273 | 82,415 | 17.3% | 202,753 | 336,052 | 65.7% |
| Minnesota | 141,051 | 108,475 | -23.1% | 447,077 | 332,396 | -25.7% |
| Montana | 113,574 | 98,838 | -13.0% | 316,860 | 320,434 | 1.1% |
| Utah | 87,223 | 102,724 | 17.8% | 234,699 | 317,865 | 35.4% |
| Colorado | 64,941 | 150,091 | 131.1% | 185,371 | 312,674 | 68.7% |
| Kansas | 43,861 | 70,095 | 59.8% | 152,058 | 216,105 | 42.1% |
| Michigan | 71,523 | 60,454 | -15.5% | 201,330 | 209,984 | 4.3% |
| North Dakota | 60,080 | 59,908 | -0.3% | 186,318 | 186,645 | 0.2% |
| Iowa | 90,146 | 47,817 | -47.0% | 206,875 | 138,871 | -32.9% |
| Wyoming | 28,612 | 49,522 | 73.1% | 71,471 | 109,930 | 53.8% |
| Noted 20 States Above | 3,119,366 | 2,716,863 | -12.9% | 9,001,504 | 8,822,076 | -2.0% |
| All other US States | 9,234,682 | 8,390,446 | -9.1% | 24,750,988 | 32,490,258 | 31.3% |
| **Total Exports to the USA** | **12,354,048** | **11,107,308** | **-10.1%** | **33,752,492** | **41,312,334** | **22.4%** |

* Exports to individual states can be seriously over- or under-stated, because energy exports, such as crude oil and natural gas, cannot be allocated to the state of final destination. For example, exports to Washington are overstated and to California understated.

** Excluded commodities include: Petroleum Oils, Propane, Butane, Natural Gas and Petroleum Gases

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